

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) Method of changing the size of presentation of an image data stream provided in an image data format created by an object based compression application, the method comprising the steps of:

obtaining an image data stream coded in a format comprising at least one object layer and a background sprite layer including information about background elements of a scene displayed in a number of frames, the image data stream having a first original field of view to be presented in, wherein said original field of view corresponds to an original aspect ratio,

selecting at least parts of the image data stream, outside the first original field of view, from the background sprite layer to obtain selected image data comprising values of pixel regions from an area larger than the original field of view, and

changing the field of view by calculating an image to be displayed conforming to a second field of view based on the obtained data and values such that image data comprises pixel values substantially covering the second field of view, wherein said second field of view corresponds to a different aspect ratio.

2. (Previously Presented) Method according to claim 1, wherein the step of changing the field of view comprises combining objects of at least some of the layers of the decoded

image data stream including said background sprite layer for providing an output data stream allowing presentation of image data.

3. (Previously Presented) Method according to claim 1, further comprising the step of displaying at least some of the image data in the stream on a display with the second field of view.

4. (Previously Presented) Method according to claim 1, wherein the coded stream is an MPEG-4 image data stream.

5. (Previously Presented) Method according to claim 1, further comprising the step of processing the selected image data regarding mapping of less satisfactory positions of pixels in the second field of view.

6. (Original) Method according to claim 5, wherein the step of processing comprises any of the steps of stretching the image in one direction, stretching the image in one direction with uneven zoom factor, stretching the image in two directions or providing black bars at the sides of the image.

7. (Original) Method according to claim 5, wherein the step of processing comprises cutting and pasting older picture material to later picture material if no or insufficient pixel regions outside the original field of view are at hand for provision in the second field of view.

8. (Original) Method according to claim 5, wherein the step of processing comprises applying a geometrical image transformation for at least a region of the image outside the original field of view where there are pixels missing for the second field of view.

9. (Original) Method according to claim 8, wherein the geometrical image transformation comprises filling the missing pixels using extrapolation of existing pixels.

10. (Original) Method according to claim 8, wherein the geometrical image transformation comprises copying border pixels for filling missing pixels.

11. (Original) Method according to claim 5, wherein the step of processing comprises shifting at least a region of the pixels of one layer in relation to the pixels of at least one other layer in order to allow the objects of said one layer to be adjusted in relation to objects of said other layer.

12. (Original) Method according to claim 1, wherein the first field of view corresponds to an aspect ratio of 4:3 and the second field of view corresponds to an aspect ratio of 16:9.

13. (Previously Presented) Method according to claim 2, wherein the values of pixel regions outside the first field of view are provided in at least one different output data stream than the stream including the combined objects.

14. (Currently amended) Image processing device for changing the size of presentation of an image data stream provided in an image data format created by an object based compression application and comprising:

at least one image decoding unit arranged to:

select at least parts of an image data stream being coded in a format comprising at least one object layer and a background sprite layer including information about background elements of a scene displayed in a number of frames, the image data stream having a first original field of view to be presented in, wherein said original field of view corresponds to an original aspect ratio, and select at least parts of the image data stream, outside the first original field of view, from the background sprite layer to obtain selected image data comprising values of pixel regions from an area larger than the original field of view, and

wherein the image processing device is arranged to change the field of view by calculating an image to be displayed conforming to a second field of view based on the obtained data and values, such that the image data comprises pixel values substantially covering the second field of view wherein said second field of view corresponds to a different aspect ratio.

15. (Previously Presented) Image processing device according to claim 14, wherein an image providing unit is arranged to combine objects of at least some of the layers of the decoded image data stream including said background sprite layer for providing an output

data stream allowing presentation of image data.

16. (Previously Presented) Image processing device according to claim 14, wherein the coded stream is an MPEG-4 image data stream.

17. (Previously Presented) Image processing device according to claim 14, further comprising an image extending unit arranged to process the selected image data regarding mapping of less satisfactory positions of pixels in the second field of view.

18. (Original) Image processing device according to claim 17, wherein the processing comprises any of the measures stretching the image in one direction, stretching the image in one direction with uneven zoom factor, stretching the image in two directions or providing black bars at the sides of the image.

19. (Original) Image processing device according to claim 17, wherein the processing comprises cutting and pasting older picture material to later picture material if no or insufficient pixel regions outside the original field of view is at hand for provision in the second field of view.

20. (Original) Image processing device according to claim 17, wherein the processing comprises applying a geometrical image transformation for at least a region of the image outside the original field of view where there are pixels missing for the second field of view.

21. (Original) Image processing device according to claim 20, wherein the geometrical image transformation comprises filling the missing pixels using extrapolation of existing pixels.

22. (Original) Image processing device according to claim 20, wherein the geometrical image transformation comprises copying border pixels for filling missing pixels.

23. (Original) Image processing device according to claim 17, wherein the processing comprises shifting at least a region of the pixels of one layer in relation to the pixels of at least one other layer in order to allow the objects of said one layer to be adjusted in relation to objects of said other layer.

24. (Original) Image processing device according to claim 14, wherein the first field of view corresponds to an aspect ratio of 4:3 and the second field of view corresponds to an aspect ratio of 16:9.

25. (Previously Presented) Image processing device according to claim 14, wherein the values of pixel regions outside the first field of view are provided in at least one different output data stream than the stream including the combined objects.

26. (Previously Presented) Image display device for changing the size of presentation of an image data stream provided in an image data format and comprising:

a display unit, and
the image processing device as claimed in claim 14.

27. (Currently amended) Computer program product to be used on a computer for changing the size of presentation of an image data stream provided in an image data format created by an object based compression application, and comprising computer program code for making the computer execute, when said code is loaded into the computer:

obtain an image data stream coded in a format comprising at least one object layer and a background sprite layer including information about background elements of a scene displayed in a number of frames, the image data stream having a first original field of view to be presented in, wherein said original field of view corresponds to an original aspect ratio,

select at least parts of the image data stream, outside the first original field of view, from the background sprite layer to obtain selected image data comprising values of pixel regions from an area larger than the original field of view, and

change the field of view by calculating an image to be displayed conforming to a second field of view based on the obtained data and values, such that image data that is intended to be presented in the first field of view can be displayed in the second field of view, wherein said second field of view corresponds to a different aspect ratio.